

OFFICIAL**FAX TRANSMISSION****RECEIVED
CENTRAL FAX CENTER****JUL 06 2004****DATE:** 7/6/04**PTO IDENTIFIER:** Application Number 09/817,843-Conf. #9394
Patent Number**Inventor:** John U. Knickerbocker et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (703) 872-9306**FROM:** CONNOLLY BOVE LODGE & HUTZ LLP
John A. Evans**PHONE:** (202) 331-7111**Attorney Dkt. #:** 20135-00310-US**PAGES (Including Cover Sheet):** 4**CONTENTS:** Certificate of Transmission under 37 CFR 1.8 (1 page);
Notice of Appeal (1 page);
Fee Transmittal (1 page); and
Charge \$330.00 to deposit account 09-0457.

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (202) 331-7111 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

CONNOLLY BOVE LODGE & HUTZ LLP
1990 M Street, N.W., Suite 800, Washington, DC 20036-3425
Telephone: (202) 331-7111 **Facsimile:** (202) 293-6229

PTO/SB/97 (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Certificate of Transmission Under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office

on 7/16/04
Date

Nicole Yun
Signature

Nicole Yun
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Certificate of Transmission under 37 CFR 1.8 (1 page);
Notice of Appeal (1 page);
Fee Transmittal (1 page); and
Charge \$330.00 to deposit account 09-0457.

Docket No.: END000008US1
(20135-00310-US)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**RECEIVED****CENTRAL FAX CENTER****JUL 06 2004****OFFICIAL**

In re Patent Application of:
John U. Knickerbocker et al.

Application No.: 09/817,843

Filed: March 26, 2001

For: METHOD AND STRUCTURE FOR AN
ORGANIC PACKAGE WITH IMPROVED
BGA LIFE

Confirmation No.: 9394

Art Unit: 2826

Examiner: L. Andujar

NOTICE OF APPEAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicant hereby appeals to the Board of Appeals from the decision of the Patent Examiner dated May 5, 2004, finally rejecting claims 1-3, 17-21, and 35-37 of the above-identified patent application.

Please charge our Deposit Account No. 09-0457 in the amount of \$330.00 covering the fee set forth in 37 CFR 1.17(b). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 09-0457, under Order No. 20135-00310-US. A duplicate copy of this paper is enclosed.

Dated: *July 6, 2004*

Respectfully submitted,

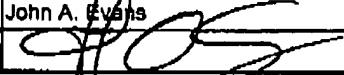
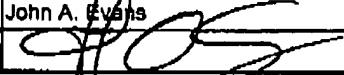
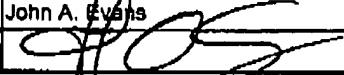
By 
John A. Evans

Registration No.: 44,100
CONNOLLY BOVE LODGE & HUTZ LLP
1990 M Street, N.W., Suite 800
Washington, DC 20036-3425
(202) 331-7111
(202) 293-6229 (Fax)
Attorney for Applicant

PTO/SB/17 (10-03)

Approved for use through 7/31/2008. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004				Complete if Known																																																																																																																																																																																			
Effective 10/01/2003. Patent fees are subject to annual revision.				Application Number 09/817,843-C nf. #9394																																																																																																																																																																																			
				Filing Date March 26, 2001																																																																																																																																																																																			
				First Named Inventor John U. Knickerbocker																																																																																																																																																																																			
				Examiner Name L. Andujar																																																																																																																																																																																			
				Art Unit 2826																																																																																																																																																																																			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				Attorney Docket No. END000008US1 (20135-00310-US)																																																																																																																																																																																			
TOTAL AMOUNT OF PAYMENT (\$)				330.00																																																																																																																																																																																			
METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)																																																																																																																																																																																			
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number 09-0457 Deposit Account Name IBM Corporation (Endicott) The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1062</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1265</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td>330.00</td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,330</td><td>2501</td><td>665</td><td>Utility issue fee (or release)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>840</td><td>2503</td><td>320</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	130	2051	65	Surcharge - late filing fee or oath		1062	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month		1254	1,480	2254	740	Extension for reply within fourth month		1265	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal	330.00	1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,330	2501	665	Utility issue fee (or release)		1502	480	2502	240	Design issue fee		1503	840	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application	
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																		
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																				
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																			
1062	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																			
1053	130	1053	130	Non-English specification																																																																																																																																																																																			
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																			
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																			
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																			
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																			
1252	420	2252	210	Extension for reply within second month																																																																																																																																																																																			
1253	950	2253	475	Extension for reply within third month																																																																																																																																																																																			
1254	1,480	2254	740	Extension for reply within fourth month																																																																																																																																																																																			
1265	2,010	2255	1,005	Extension for reply within fifth month																																																																																																																																																																																			
1401	330	2401	165	Notice of Appeal	330.00																																																																																																																																																																																		
1402	330	2402	165	Filing a brief in support of an appeal																																																																																																																																																																																			
1403	290	2403	145	Request for oral hearing																																																																																																																																																																																			
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																			
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																			
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																			
1501	1,330	2501	665	Utility issue fee (or release)																																																																																																																																																																																			
1502	480	2502	240	Design issue fee																																																																																																																																																																																			
1503	840	2503	320	Plant issue fee																																																																																																																																																																																			
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																			
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																			
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																			
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																			
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																			
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																			
1801	770	2801	385	Request for Continued Examination (RCE)																																																																																																																																																																																			
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																			
FEE CALCULATION																																																																																																																																																																																							
1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>180</td><td>2005</td><td>90</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	180	2005	90	Provisional filing fee																																																																																																																																													
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																		
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																				
1001	770	2001	385	Utility filing fee																																																																																																																																																																																			
1002	340	2002	170	Design filing fee																																																																																																																																																																																			
1003	530	2003	265	Plant filing fee																																																																																																																																																																																			
1004	770	2004	385	Reissue filing fee																																																																																																																																																																																			
1005	180	2005	90	Provisional filing fee																																																																																																																																																																																			
SUBTOTAL (1) (\$)				0.00																																																																																																																																																																																			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Total Claims</th> <th colspan="2">Extra Claims</th> <th colspan="2">Fee from below</th> <th colspan="2">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent Claims</td> <td></td> <td>-</td> <td></td> <td>x</td> <td></td> <td>=</td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td>-</td> <td></td> <td>x</td> <td></td> <td>=</td> <td></td> </tr> </tbody> </table>				Total Claims		Extra Claims		Fee from below		Fee Paid		Independent Claims		-		x		=		Multiple Dependent		-		x		=																																																																																																																																																													
Total Claims		Extra Claims		Fee from below		Fee Paid																																																																																																																																																																																	
Independent Claims		-		x		=																																																																																																																																																																																	
Multiple Dependent		-		x		=																																																																																																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr> </tbody> </table>				Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	86	2201	43	Independent claims in excess of 3		1203	290	2203	145	Multiple dependent claim, if not paid		1204	86	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																													
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																		
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																				
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																			
1201	86	2201	43	Independent claims in excess of 3																																																																																																																																																																																			
1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																																																																																																			
1204	86	2204	43	** Reissue independent claims over original patent																																																																																																																																																																																			
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																			
SUBTOTAL (2) (\$)				0.00																																																																																																																																																																																			
**or number previously paid, if greater; For Reissues, see above																																																																																																																																																																																							
				Other fee (specify) _____ *Reduced by Basic Filing Fee Paid																																																																																																																																																																																			
SUBTOTAL (3) (\$)				330.00																																																																																																																																																																																			
SUBMITTED BY (Complete if applicable) <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <td>Name (Print/Type)</td> <td>John A. Evans</td> <td>Registration No. (Attorney/Agent)</td> <td>44,100</td> <td>Telephone</td> <td>(202) 331-7111</td> </tr> <tr> <td>Signature</td> <td></td> <td>Date</td> <td colspan="3">July 6, 2004</td> </tr> </table>						Name (Print/Type)	John A. Evans	Registration No. (Attorney/Agent)	44,100	Telephone	(202) 331-7111	Signature		Date	July 6, 2004																																																																																																																																																																								
Name (Print/Type)	John A. Evans	Registration No. (Attorney/Agent)	44,100	Telephone	(202) 331-7111																																																																																																																																																																																		
Signature		Date	July 6, 2004																																																																																																																																																																																				